MATERIAL SAFETY DATA SHEET

I. IDENTIFICATION

Name: ORANGE ACTION
Type: A formulated water-based cleaner

D.O.T. Shipping Name: Not a DOT hazardous material
D.O.T. Hazard Class: N/A
D.O.T. ID No: N/A  D.O.T. Label: N/A

II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>Material</th>
<th>Weight %</th>
<th>TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-butoxyethanol (CAS #111-76-2)</td>
<td>&lt; 4</td>
<td>25 PPM (skin)</td>
</tr>
<tr>
<td>Nitrilotriacetic acid, trisodium salt (CAS #18662-53-8)</td>
<td>0.1</td>
<td>None Listed</td>
</tr>
</tbody>
</table>

This product contains Nitrilotriacetic acid, trisodium salt and 2-butoxyethanol (glycol ether) which are toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA).

III. PHYSICAL DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point°F</td>
<td>218°F</td>
</tr>
<tr>
<td>Specific Gravity (Water = 1)</td>
<td>1.008</td>
</tr>
<tr>
<td>Volatile By Weight (%)</td>
<td>&gt; 85'</td>
</tr>
<tr>
<td>Weight Per Gallon (pounds)</td>
<td>8.4</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Complete</td>
</tr>
<tr>
<td>pH</td>
<td>12.1</td>
</tr>
</tbody>
</table>

Appearance & Odor: A clear orange liquid with an orange odor.

IV. FIRE & HAZARD DATA

Flashpoint (Method Used): 130°F T.C.C.
Extinquishing Media: Carbon dioxide, foam or dry chemical.
Special Fire Fighting Procedures: None.
Unusual Fire & Explosion Hazards: None.

V. HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: Direct eye contact will cause eye irritation. May be harmful of swallowed. Combustible liquid.

CHRONIC EFFECTS: Based on tests with laboratory rats and mice, the National Toxicology Program (NTP) lists Nitrilotriacetic acid (NTA) as a suspect carcinogen. There is no evidence that NTA is a human carcinogen. Chronic exposure to 2-butoxyethanol may cause blood cell abnormalities, lung, liver, kidney, or central nervous system damage.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.

FIRST AID PROCEDURES:

Swallowed: Call a physician or Poison control center immediately. Do not induce vomiting.

If Inhaled: N/A

If in Eyes: Flush eyes immediately with plenty of cool water for at least 15 minutes. If irritation persists, contact physician.

If on Skin: Flush well with water.

VI. REACTIVITY DATA

Stability: Stable.
Conditions to avoid: Applications through a steam cleaner.
Incompatibility (Materials to avoid): Strong oxidizing agents
Hazardous Decomposition Products: Exposure to high temperatures may produce CO₂, CO, water and traces of oxides of Phosphorous and aliphatic compounds.

HAZARDOUS POLYMERIZATION WILL NOT OCCUR

VII. SPILL OR LEAK PROCEDURES

Steps To Be Taken If Material is Released Or Spilled: Flush with plenty of water.
Waste Disposal Method: Product undiluted is an unspecified ignitable waste (flashpoint < 140°F).
Follow All Federal, State and Local Regulations Regarding Waste Disposal.

VIII. SPECIAL PROTECTION INFORMATION

Eye protection and protective gloves are recommended any time you work with any concentrated industrial strength products.
Respiratory Protection: No special protection required.
Ventilation: Normal ventilation.
Protective Gloves: Recommended (Rubber).
Eye Protection: Safety Glasses.
Other Protective Equipment: An eye wash station or source of clean water should be nearby in case of accidental eye contact.

IX. SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling and Storage: Do not use or store near heat, sparks or open flames. Avoid temperatures below freezing. Keep container closed when not in use. Do not reuse empty container for any purpose.

OTHER PRECAUTIONS: CAUTION: Avoid contact with eyes. If accidentally splashed into eyes immediately flush with plenty of water for at least 15 minutes. If irritation persists seek medical attention.

NOTE: A cleaning solution too concentrated can have a dulling effect on certain paints and inexpensive-grade varnishes. It is recommended to try the cleaning solution first on a small area before using. Pretest on plastics to be sure there will be no adverse effect.

HMIS/NFPA RATINGS: Health 1 Flammability 2 Reactivity 0 Personal Protection B

Read and follow all label directions and precautions before using the product. These products are intended for industrial and institutional use only.

NOT FOR HOUSEHOLD USE OR RESALE KEEP OUT OF THE REACH OF CHILDREN

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HEALTH AND SAFETY INFORMATION
(216) 861-7114

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